What the invention claimed is:

1. A signal line connector comprising:

a locknut, said locknut having an inner thread in a first end thereof for threading onto an outer thread at a adapter, and a coupling portion in a second end thereof;

a center holding down tube coupled to the coupling portion of said locknut, said center holding down tube comprising a tube body, a barbed portion at one end of said tube body, a coupling portion at an opposite end of said tube body, and a passage hole axially extended through the coupling portion, tube body and barbed portion of said center holding down tube;

a hollow cylindrical casing mounted to said center holding down tube, said hollow cylindrical casing comprising a coupling neck axially extended from a rear end thereof and press-fitted into the coupling portion of said locknut to hold down said center holding down tube, a rear coupling hole, which accommodates the coupling portion of said center holding down tube, a front coupling hole, and an inside annular groove in said front coupling hole;.

a gasket ring mounted around the coupling neck of said hollow cylindrical casing and peripherally stopped against the coupling portion of said locknut; and

a locating barrel plugged into the front coupling hole of said hollow cylindrical casing, said locating barrel comprising a

receiving hole axially extended through two distal ends thereof and adapted to accommodate a signal line, an inside annular flange extended around an inside wall thereof in said receiving hole and adapted to hold down a signal line in said receiving hole, a first outside annular flange and a second outside annular flange respectively extended around the periphery thereof for selectively engaging the inside annular groove of said hollow cylindrical casing.

2. The signal line connector as claimed in claim 1, wherein said coupling neck of said hollow cylindrical casing has an outside annular groove extended around the periphery thereof; said gasket ring is mounted in the outside annular groove around the periphery of said coupling neck of said hollow cylindrical casing.

3. The signal line connector as claimed in claim 1, wherein said barbed portion of said center holding down tube has a flat face facing the inside annular flange of said locating barrel.